

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080725\
 Data File : VW032038.D
 Acq On : 07 Aug 2025 12:20
 Operator : SY/MD
 Sample : VW0807SBS01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0807SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 08/08/2025
 Supervised By :Semsettin Yesilyurt 08/08/2025

Quant Time: Aug 08 04:06:25 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W072225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 23 08:18:46 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.965	168	222702	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	401808	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	364622	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	176923	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	168804	50.106	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery = 100.220%			
35) Dibromofluoromethane	7.898	113	142090	52.041	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery = 104.080%			
50) Toluene-d8	10.325	98	538568	52.119	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery = 104.240%			
62) 4-Bromofluorobenzene	12.617	95	202947	51.148	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery = 102.300%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	27676	16.721	ug/l	98
3) Chloromethane	2.253	50	39468	18.578	ug/l	99
4) Vinyl Chloride	2.405	62	46740	16.937	ug/l	100
5) Bromomethane	2.820	94	34996	17.221	ug/l	97
6) Chloroethane	2.972	64	33116	18.182	ug/l	92
7) Trichlorofluoromethane	3.301	101	43549	15.580	ug/l	95
8) Diethyl Ether	3.722	74	33694	18.046	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.100	101	51015m	18.975	ug/l	
10) Methyl Iodide	4.314	142	68202	16.967	ug/l	100
11) Tert butyl alcohol	5.222	59	23537	118.856	ug/l	99
12) 1,1-Dichloroethene	4.076	96	54876	18.480	ug/l	87
13) Acrolein	3.936	56	13663	41.525	ug/l	96
14) Allyl chloride	4.704	41	77624	16.792	ug/l	100
15) Acrylonitrile	5.399	53	84474	101.197	ug/l	98
16) Acetone	4.161	43	95219	119.109	ug/l	97
17) Carbon Disulfide	4.423	76	124628	16.182	ug/l	98
18) Methyl Acetate	4.710	43	44414	20.166	ug/l	98
19) Methyl tert-butyl Ether	5.472	73	97759	19.053	ug/l	98
20) Methylene Chloride	4.954	84	74163	18.785	ug/l	99
21) trans-1,2-Dichloroethene	5.460	96	56219	17.843	ug/l	96
22) Diisopropyl ether	6.344	45	175847	19.011	ug/l	97
23) Vinyl Acetate	6.283	43	578730	95.766	ug/l	98
24) 1,1-Dichloroethane	6.240	63	109565	19.024	ug/l	98
25) 2-Butanone	7.191	43	118382	108.230	ug/l	96
26) 2,2-Dichloropropane	7.191	77	57300	17.574	ug/l	98
27) cis-1,2-Dichloroethene	7.191	96	71740	19.368	ug/l	98
28) Bromochloromethane	7.532	49	43556	18.063	ug/l	97
29) Tetrahydrofuran	7.551	42	72776	101.483	ug/l	98
30) Chloroform	7.697	83	118741	19.664	ug/l	100
31) Cyclohexane	7.971	56	93781	18.151	ug/l	96
32) 1,1,1-Trichloroethane	7.892	97	85026	18.504	ug/l	100
36) 1,1-Dichloropropene	8.093	75	80214	19.130	ug/l	100
37) Ethyl Acetate	7.276	43	46880	19.599	ug/l	96
38) Carbon Tetrachloride	8.081	117	77958	19.373	ug/l	95
39) Methylcyclohexane	9.343	83	98528	18.672	ug/l	98
40) Benzene	8.337	78	249353	20.089	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.508	41	26083	18.216	ug/l #	88
42) 1,2-Dichloroethane	8.410	62	79933	20.122	ug/l	100
43) Isopropyl Acetate	8.441	43	86742	20.032	ug/l	98
44) Trichloroethene	9.099	130	60004	20.338	ug/l	98
45) 1,2-Dichloropropane	9.374	63	59675	19.963	ug/l	96
46) Dibromomethane	9.465	93	38008	20.511	ug/l	97
47) Bromodichloromethane	9.654	83	89640	20.174	ug/l	98
48) Methyl methacrylate	9.441	41	41857	20.318	ug/l	98
49) 1,4-Dioxane	9.459	88	10159	549.429	ug/l #	97
51) 4-Methyl-2-Pentanone	10.215	43	254250	107.287	ug/l	99
52) Toluene	10.392	92	163597	20.503	ug/l	100
53) t-1,3-Dichloropropene	10.611	75	83153	19.509	ug/l	100
54) cis-1,3-Dichloropropene	10.081	75	93586	19.226	ug/l	96
55) 1,1,2-Trichloroethane	10.788	97	52004	21.128	ug/l	96
56) Ethyl methacrylate	10.648	69	71431	20.548	ug/l	100
57) 1,3-Dichloropropane	10.934	76	89266	20.586	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.928	63	158256	88.629	ug/l	98
59) 2-Hexanone	10.971	43	173610	105.394	ug/l	98
60) Dibromochloromethane	11.129	129	57601	20.071	ug/l	99
61) 1,2-Dibromoethane	11.233	107	49604	20.395	ug/l	99
64) Tetrachloroethene	10.861	164	47561	19.784	ug/l	92
65) Chlorobenzene	11.660	112	171341	19.200	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.733	131	55304	19.990	ug/l	98
67) Ethyl Benzene	11.733	91	310524	19.805	ug/l	98
68) m/p-Xylenes	11.837	106	232839	39.447	ug/l	98
69) o-Xylene	12.166	106	110605	19.800	ug/l	100
70) Styrene	12.184	104	194305	20.430	ug/l	99
71) Bromoform	12.349	173	29970	19.808	ug/l #	99
73) Isopropylbenzene	12.464	105	282323	18.391	ug/l	99
74) N-amyl acetate	12.269	43	81433	19.622	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.714	83	64731	19.866	ug/l	99
76) 1,2,3-Trichloropropane	12.769	75	49621m	20.314	ug/l	
77) Bromobenzene	12.745	156	64620	19.455	ug/l	94
78) n-propylbenzene	12.800	91	361194	19.158	ug/l	99
79) 2-Chlorotoluene	12.891	91	213575	18.973	ug/l	100
80) 1,3,5-Trimethylbenzene	12.940	105	242025	18.799	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.507	75	19329	18.269	ug/l	92
82) 4-Chlorotoluene	12.983	91	227385	19.255	ug/l	98
83) tert-Butylbenzene	13.202	119	204705	18.666	ug/l	99
84) 1,2,4-Trimethylbenzene	13.245	105	247279	18.976	ug/l	97
85) sec-Butylbenzene	13.379	105	314300	19.084	ug/l	100
86) p-Isopropyltoluene	13.495	119	254465	18.693	ug/l	100
87) 1,3-Dichlorobenzene	13.501	146	134403	19.440	ug/l	99
88) 1,4-Dichlorobenzene	13.574	146	136912	20.215	ug/l	98
89) n-Butylbenzene	13.818	91	255398	19.126	ug/l	99
90) Hexachloroethane	14.086	117	43546	18.500	ug/l	94
91) 1,2-Dichlorobenzene	13.867	146	121255	19.789	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.476	75	10864	18.455	ug/l	96
93) 1,2,4-Trichlorobenzene	15.129	180	71058	19.229	ug/l	91
94) Hexachlorobutadiene	15.226	225	29810	17.024	ug/l	89
95) Naphthalene	15.360	128	176347	19.411	ug/l	99
96) 1,2,3-Trichlorobenzene	15.549	180	66726	19.930	ug/l	93

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(#) = qualifier out of range (m) = manual integration (+) = signals summed

